

# Yate Cutliff 10/570,765

=> d his nofile 16;d his nofile 115-

FILE 'CASREACT' ENTERED AT 11:38:16 ON 01 NOV 2007

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L6          STR
L15         STR L6
L16         3 SEA SSS SAM L15 (    21 REACTIONS)
           D SCAN
L17         STR L15
L18         50 SEA SUB=L14 SSS SAM L15 (    165 REACTIONS)
L19         50 SEA SUB=L14 SSS SAM L15 AND L8 (    165 REACTIONS)
           D QUE STAT L18
L20         50 SEA SUB=L14 SSS SAM L15 (    165 REACTIONS)
L21         13982 SEA SUB=L14 SSS FUL L15 ( 58398 REACTIONS)
           SAVE L21 TEMP CUTLIFF/A
L22         3 SEA SSS SAM L15 (    21 REACTIONS)
           E IONIC
           E IONIC LIQUIDE
           E IONIC LIQUIDS
           E IONIC LIQUIDS/CT
L23         1601 SEA ABB=ON  PLU=ON  IONIC LIQUIDS/CT
L24         39 SEA ABB=ON  PLU=ON  L21 AND L23
L25         8 SEA ABB=ON  PLU=ON  L24 AND (PY<2004 OR AY<2004 OR PRY<2004)

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FILE 'CAPLUS' ENTERED AT 12:30:11 ON 01 NOV 2007

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           E ALKANES/CT
           E E3+ALL
           E ALKANES, PREPARATION/CT
           E E3+ALL
           E E3+ALL
           E ALKANES/CT
L26         4419 SEA ABB=ON  PLU=ON  "ALKANES, PREPARATION"/CT
L27         114 SEA ABB=ON  PLU=ON  L26 (L) HALO?/OBI
L28         6035 SEA ABB=ON  PLU=ON  IONIC LIQUIDS/CT
L29         5275 SEA ABB=ON  PLU=ON  HALOGENATION/CT
           E ALCOHOLS, REACTIONS/CT
L30         23383 SEA ABB=ON  PLU=ON  "ALCOHOLS, REACTIONS"/CT
L31         1 SEA ABB=ON  PLU=ON  L27 AND L28 AND L30
           D SCAN
L32         2 SEA ABB=ON  PLU=ON  L26 AND L30 AND L28
L33         2 SEA ABB=ON  PLU=ON  L32 OR L31
           D SCAN TI
L34         1847 SEA ABB=ON  PLU=ON  ALKANE?/OBI (L) HALO/OBI
L35         26 SEA ABB=ON  PLU=ON  L34 AND L30
L36         1 SEA ABB=ON  PLU=ON  L28 AND L35
           D SCAN TI
L37         2657 SEA ABB=ON  PLU=ON  HALOALKAN?/OBI
L38         23 SEA ABB=ON  PLU=ON  L37 AND L30
L39         2731 SEA ABB=ON  PLU=ON  L37 OR L27
L40         7 SEA ABB=ON  PLU=ON  L39 AND L28
L41         2 SEA ABB=ON  PLU=ON  L40 AND ALC?/OBI
           D SCAN TI
           D SCAN TI L40
L42         20 SEA ABB=ON  PLU=ON  STEGMANN V?/AU
L43         48 SEA ABB=ON  PLU=ON  MASSONNE K?/AU
L44         58 SEA ABB=ON  PLU=ON  (L42 OR L43)
L45         16 SEA ABB=ON  PLU=ON  L44 AND L28
           D SCAN TI
L46         1 SEA ABB=ON  PLU=ON  L44 AND L29
L47         1 SEA ABB=ON  PLU=ON  L44 AND L39

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L48 5 SEA ABB=ON PLU=ON L44 AND L30  
L49 20 SEA ABB=ON PLU=ON L45 OR (L46 OR L47 OR L48)  
L50 19 SEA ABB=ON PLU=ON L49 NOT L41

FILE 'CASREACT, CAPLUS' ENTERED AT 12:37:52 ON 01 NOV 2007  
L51 9 DUP REM L25 L41 (1 DUPLICATE REMOVED)  
ANSWERS '1-8' FROM FILE CASREACT  
ANSWER '9' FROM FILE CAPLUS

=> fil casreact

FILE 'CASREACT' ENTERED AT 12:40:46 ON 01 NOV 2007  
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FILE CONTENT:1840 - 27 Oct 2007 VOL 147 ISS 19

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\* CASREACT now has more than 13.8 million reactions \*  
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Some CASREACT records are derived from the ZIC/VINITI database (1974-1999) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que stat l21

L14 34384 SEA FILE=CASREACT ABB=ON PLU=ON ALKYL HALIDE/FG.PRO (L)  
ALCOHOLS/FG.RCT  
L15 STR

RRT PRO  
Ak—OH Ak—X  
1 2 3 4

NODE ATTRIBUTES:

CONNECT IS X2 RC AT 1  
CONNECT IS X2 RC AT 3  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 4

STEREO ATTRIBUTES: NONE

L21 13982 SEA FILE=CASREACT SUB=L14 SSS FUL L15 ( 58398 REACTIONS)

100.0% DONE 207782 VERIFIED 58398 HIT RXNS 13982 DOCS